Common Core State Standards for Mathematics			
Domain: Geometric Measurement and Dimension			
2D/3D (visualize relationships between two-dimensional and three-dimensional objects) (G-GMD)			
High School			
Score 4.0	**In addition to Score 3.0, in-depth inferences and applications that go beyond instruction to the standard. The student will:**		**Example Activities**
	3.5	In addition to score 3.0 performance, in-depth inferences and applications with partial success.	
Score 3.0	**The student will:** • identify shapes of two-dimensional cross sections of three-dimensional objects(G-GMD.4) • identify three-dimensional objects generated by rotations of two –dimensional objects (G-GMD.4) **The student exhibits no major errors or omissions.**		Simultaneous Response – Students will utilize a simultaneous response system (e.g., white boards, clickers, socrative) to identify the correct three-dimensional object from a selection of 3-D objects when shown the corresponding two-dimensional rotations of the object. The teacher will provide immediate specific feedback to the students as she presents each set of objects.
	2.5	No major errors or omissions regarding 2.0 content and partial knowledge of the 3.0 content	
Score 2.0	**There are no major errors or omissions regarding the simpler details and processes as the student will:** • recognize or recall specific vocabulary, such as: ○ cross section • perform basic processes, such as: ○ **However, the student exhibits major errors or omissions regarding the more complex ideas and processes.**		Identification of Two-Dimensional Cross Sections – Students will be grouped into groups of three. The groups will be given multiple 3-D manipulatives. Students will also be provided dot paper. One member of the group will be assigned the task of drawing the "top view" of all 3-D manipulatives. The second student will be required to draw the "front view" of all 3-D manipulatives. The last student will be assigned the task of drawing the "side view" of all 3-D manipulatives. The teacher will monitor the students as they work and will check each student's drawing for accuracy providing immediate and specific feedback. ** Time permitting the students can trade roles and draw the other views for each of the manipulatives.
	1.5	Partial knowledge of the 2.0 content but major errors or omissions regarding the 3.0 content	
Score 1.0	**With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.**		
	0.5	With help, a partial understanding of the 2.0 content but not the 3.0 content	
Score 0.0	**Even with help, no understanding or skill demonstrated.**		